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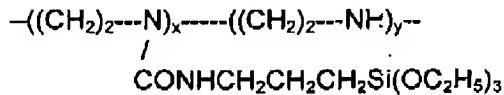
Serial No.: 10/780,302  
Art Unit: 1724**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Complete Listing of Claims:**

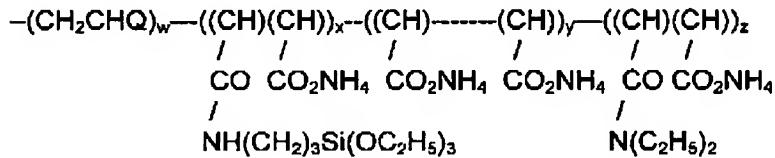
Claims 1-7 (Cancelled)

8. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:



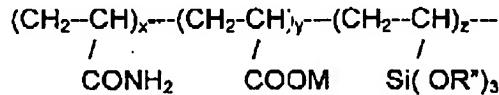
where x = 0.5-20%, y = 99.5-80%.

9. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:



where w = 1-99.9%, x = 0.1-50%, y = 0-50%, z = 0-50%; and Q is phenyl.

10. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:

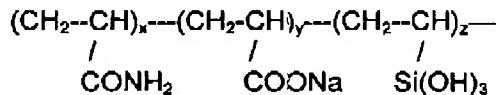


where:

x = 1-99%, y = 1-99%, z = 0.5-20% and

Serial No.: 10/780,302  
Art Unit: 1724 $M = Na, K, NH_4$ ; and $R'' = H, C1-C3\text{ alkyl, aryl, Na, K or } NH_4$ .

11. (Previously Presented) The polymer in accordance with claim 10 according to the formula:

where:  $x=1-99\%, y=1-99\%, z=0.5-20\%$ .

12. (Currently Amended) A polymer for use in the reduction of aluminosilicate containing scale, wherein the polymer is a water soluble graft copolymer of Formula a or Formula b:



where  $x = 0.1 - 99\%$  (as percentage of monomer units in the polymer) and  
 $X = NH, NR'$  or  $O$ ;  
 $R' = C1-C10$  alkyl, or aryl and  
 $R'' = H, C1-C3$  alkyl, aryl, Na, K or  $NH_4$ .

13. (Currently Amended) The polymer in accordance with claim 12 according to the formula: A polymer for use in the reduction of aluminosilicate containing scale, wherein the polymer is:

